

CTR Employer Survey Report

Thank you for completing your Commute Trip Reduction survey. This report contains the survey results.

Employer Id : E88811

Employer : The Boeing Company

Worksite : The Boeing Company - Sunset
Bldgs I & III

Street : 3129 39th Ave SE

Jurisdiction : City of Bellevue

Survey Date : 5/8/2016

Survey Type : Online

Response Rate : 77%

Drive Alone & One-Way VMT Rates at this Worksite

Employees and Survey Response Information

Drive Alone : 72.9%
One-Way VMT per employee : 16.8

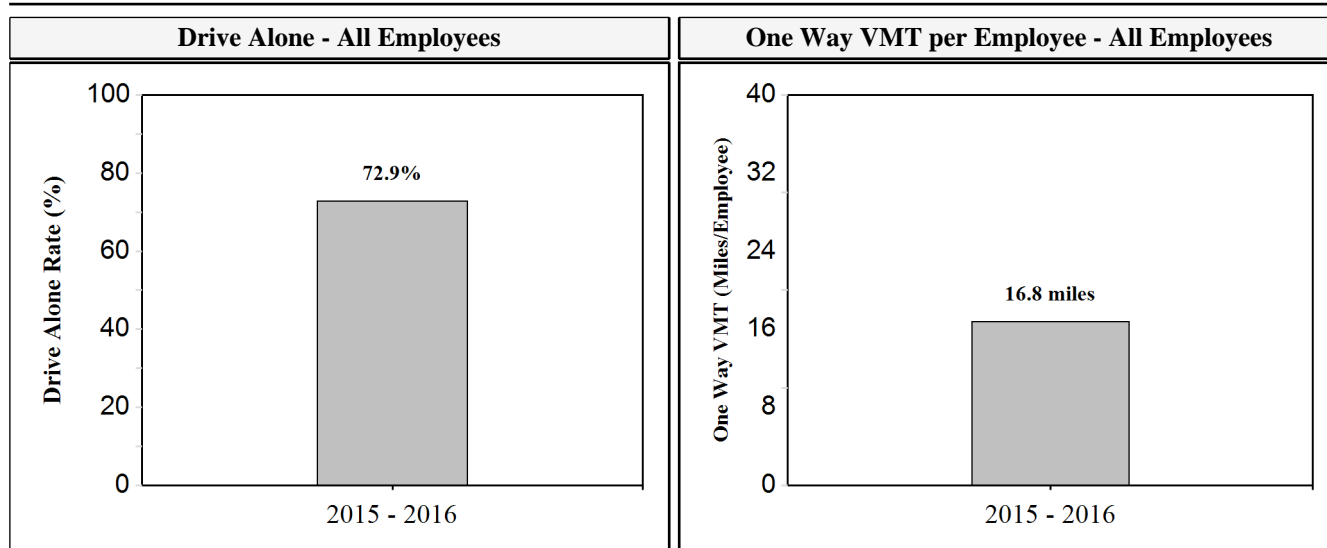
Reported Total Employees at Worksite: 661

Surveys Distributed : 661

Surveys Returned : 506

Surveys Returned by CTR Affected Employees : 466

Total Estimated CTR - Affected Employees at Worksite : 609



Site History and Goal

Cycle	Drive Alone - All	Drive Alone - CTR Affected	VMT / Employee - All	VMT / Employee - CTR Affected
2007 - 2008	N/A	N/A	N/A	N/A
2009 - 2010	N/A	N/A	N/A	N/A
2011 - 2012	N/A	N/A	N/A	N/A
2013 - 2014	N/A	N/A	N/A	N/A
2015 - 2016	72.9%	71.9%	16.8	16.3
2017 - 2018	N/A	N/A	N/A	N/A
2019 - 2020	N/A	N/A	N/A	N/A
Goal	TBD	TBD	TBD	TBD
Percent Change	0.0%	0.0%	0.0%	0.0%

Comparison Between Rates With and Without Fill-In

The survey response rate is indicated on Page 1. To encourage a response rate of at least 70%, additional drive alone trips are added to survey results for worksites with a response rate of less than 70%. For these worksites it is assumed that non-responding employees between the actual response rate and 70% drive alone 5 days a week. These additional trips represent the "Fill-In" applied. Note that fill-in is not applied to a worksite's first survey in the 2007 to 2012 cycle (their baseline survey).

	2015 - 2016
Drive Alone - All Employees*	72.9%
Drive Alone - CTR Affected Employees*	71.9%
VMT/Employee - All Employees	16.8
VMT/Employee - CTR Affected Employees	16.3

* Drive alone rate includes one person motorcycles.

GHG Emissions: Total for Drive Alone, Carpools, Vanpools

Annual Greenhouse Gas Emissions (Metric Tons CO₂e) for Roundtrip Commute*

Value	2015 - 2016
Emissions for Surveyed Employees	1,720
Estimated Emissions for Total Employment	2,247

* Estimated based on VMT from commuters driving alone, carpooling, vanpooling, or motorcycling, without fill-in applied.

Bus Transit Passenger Miles and Rail Transit Passenger Miles*

Annual Transit Passenger Miles (includes Roundtrip Commute)	2015 - 2016
Bus Annual Passenger Miles - Estimated for Total Employment	124,362
Bus Annual Passenger Miles - Surveyed Employees	95,200
Ferry Annual Passenger Miles - Estimated for Total Employment	16,590
Ferry Annual Passenger Miles - Surveyed Employees	12,700
Train/Light Rail/Streetcar Annual Passenger Miles - Estimated for Total Employment	22,991
Train/Light Rail/Streetcar Annual Passenger Miles - Surveyed Employees	17,600

* Transit passenger miles can be used to gauge changes in transit usage, and also to calculate greenhouse gas emissions from transit commute trips. However, emissions attributable to transit vary widely, depending on the efficiency/energy source of transit vehicles and transit vehicle passenger load (typically ranging from 0.1 to 0.9 pounds CO₂e emissions/passenger mile). Employers are strongly encouraged to contact their local transit agencies for more precise information on GHG emissions for their transit trips. If nothing else is available, the value of 0.47 pounds (0.00021 metric tons) per passenger mile can be used to estimate CO₂e emissions for bus transit, and 0.39 pounds (0.00018 metric tons) CO₂e emissions per passenger mile for train/light rail/streetcar.

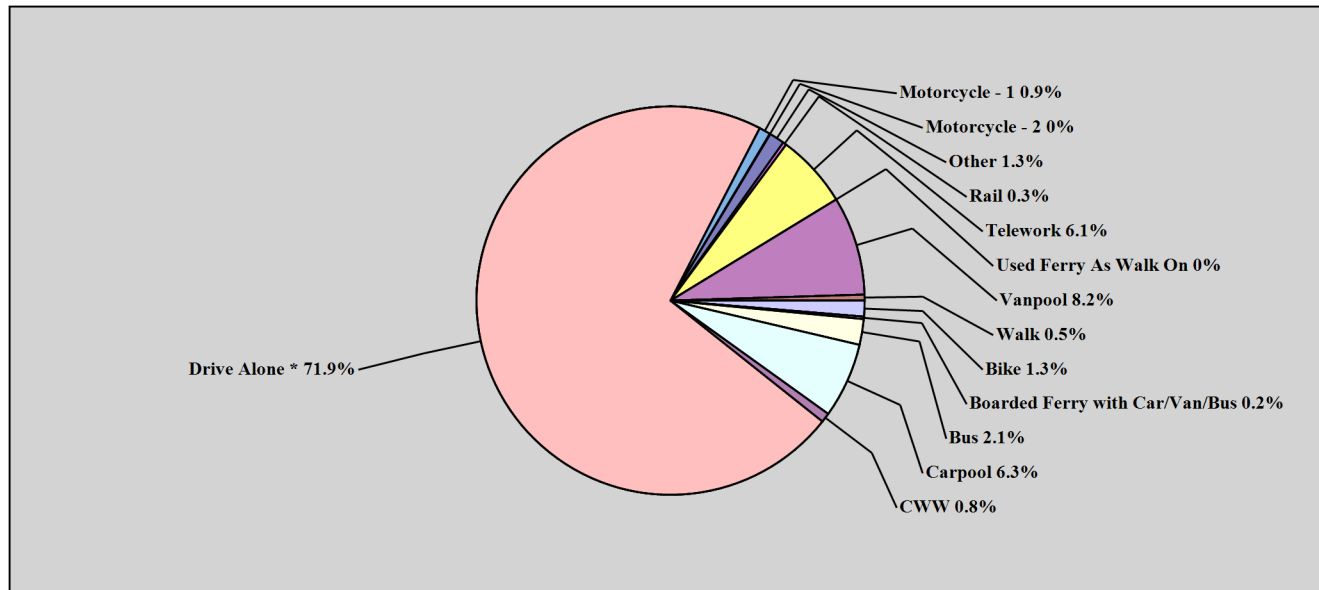
Q3.

One way, how many miles do you commute from home to your usual work location?
Average one-way distance home to work: 21.6 miles

Commute Trips By Mode - All Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - All Employees



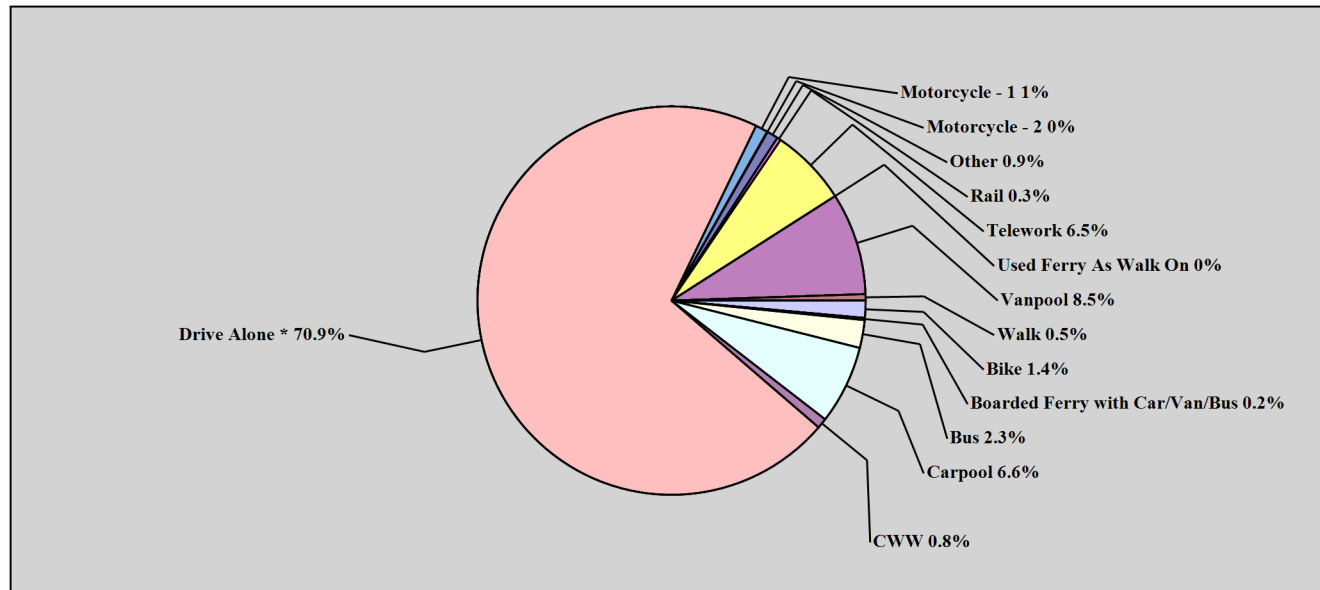
Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,748	71.9%	0.0%	418	82.6%	0.0%
Carpool	152	6.3%	0.0%	41	8.1%	0.0%
Vanpool	200	8.2%	0.0%	49	9.7%	0.0%
Motorcycle - 1	23	0.9%	0.0%	7	1.4%	0.0%
Motorcycle - 2	1	0.0%	0.0%	1	0.2%	0.0%
Bus	52	2.1%	0.0%	18	3.6%	0.0%
Rail	7	0.3%	0.0%	3	0.6%	0.0%
Bike	32	1.3%	0.0%	13	2.6%	0.0%
Walk	12	0.5%	0.0%	4	0.8%	0.0%
Telework	149	6.1%	0.0%	92	18.2%	0.0%
CWW	19	0.8%	0.0%	13	2.6%	0.0%
Boarded Ferry with Car/Van/Bus	5	0.2%	0.0%	3	0.6%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	31	1.3%	0.0%	11	2.2%	0.0%

* Drive alone mode includes fill-in, where applicable.

Commute Trips By Mode - Affected Employees

Q.4a: Last week, what type of transportation did you use each day to commute TO your usual work location? (Mode used for the longest distance.)

Mode Split - Affected Employees



Mode	Trips During This Survey Week	% of Trips During This Survey Week	% of Trips During Previous Survey Week	Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During This Survey Week	% of Employees Who Used This Mode at Least Once During Previous Survey Week
Drive Alone *	1,590	70.9%	0.0%	383	82.2%	0.0%
Carpool	147	6.6%	0.0%	39	8.4%	0.0%
Vanpool	191	8.5%	0.0%	46	9.9%	0.0%
Motorcycle - 1	23	1.0%	0.0%	7	1.5%	0.0%
Motorcycle - 2	1	0.0%	0.0%	1	0.2%	0.0%
Bus	52	2.3%	0.0%	18	3.9%	0.0%
Rail	7	0.3%	0.0%	3	0.6%	0.0%
Bike	32	1.4%	0.0%	13	2.8%	0.0%
Walk	12	0.5%	0.0%	4	0.9%	0.0%
Telework	145	6.5%	0.0%	88	18.9%	0.0%
CWW	19	0.8%	0.0%	13	2.8%	0.0%
Boarded Ferry with Car/Van/Bus	4	0.2%	0.0%	2	0.4%	0.0%
Used Ferry As Walk On	0	0.0%	0.0%	0	0.0%	0.0%
Other	21	0.9%	0.0%	8	1.7%	0.0%

* Drive alone mode includes fill-in, where applicable.

Alternative Modes - Number of Employees Who Used a Non-Drive Alone Mode:

Non-Drive Alone Number Of Days	Exactly this # of Employees	Exactly this % of Employees	At least # of Employees	At least % of employees
0 Day	297	59%	506	100%
1 Days	51	10%	209	41%
2 Days	40	8%	158	31%
3 Days	19	4%	118	23%
4 Days	34	7%	99	20%
5 Days	58	11%	65	13%
6 or More Days	7	1%	7	1%

Work Schedules By Group - All Employees (This table shows the relationship between work schedule and commute mode)

Employees who worked:	Drive Alone 5 days / week		Drive Alone 3 or 4 days / week		Used Bus At Least 3 days / week		Carpooled At Least 3 days / week		Used Rail At Least 3 days / week		Vanpooled At Least 3 times / week		Biked or Walked At Least 3 Days / week		Used 'Other' Modes At Least 3 Days / week		Used Non-Drive Alone At Least 3 Days / week	
5 days a week	233	52.7%	93	21%	7	1.6%	26	5.9%	0	0%	39	8.8%	4	0.9%	5	1.1%	96	21.7%
4 days a week (4/10s)	1	4.8%	10	47.6%	1	4.8%	3	14.3%	0	0%	0	0%	0	0%	0	0%	7	33.3%
3 days a week	0	0%	1	50%	0	0%	1	50%	0	0%	0	0%	0	0%	0	0%	1	50%
9 days in 2 weeks (9/80)	12	30%	15	37.5%	1	2.5%	2	5%	1	2.5%	5	12.5%	1	2.5%	0	0%	13	32.5%
7 days in 2 weeks	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%	0	0%
Other	0	0%	0	0%	0	0%	0	0%	0	0%	1	100%	0	0%	0	0%	1	100%

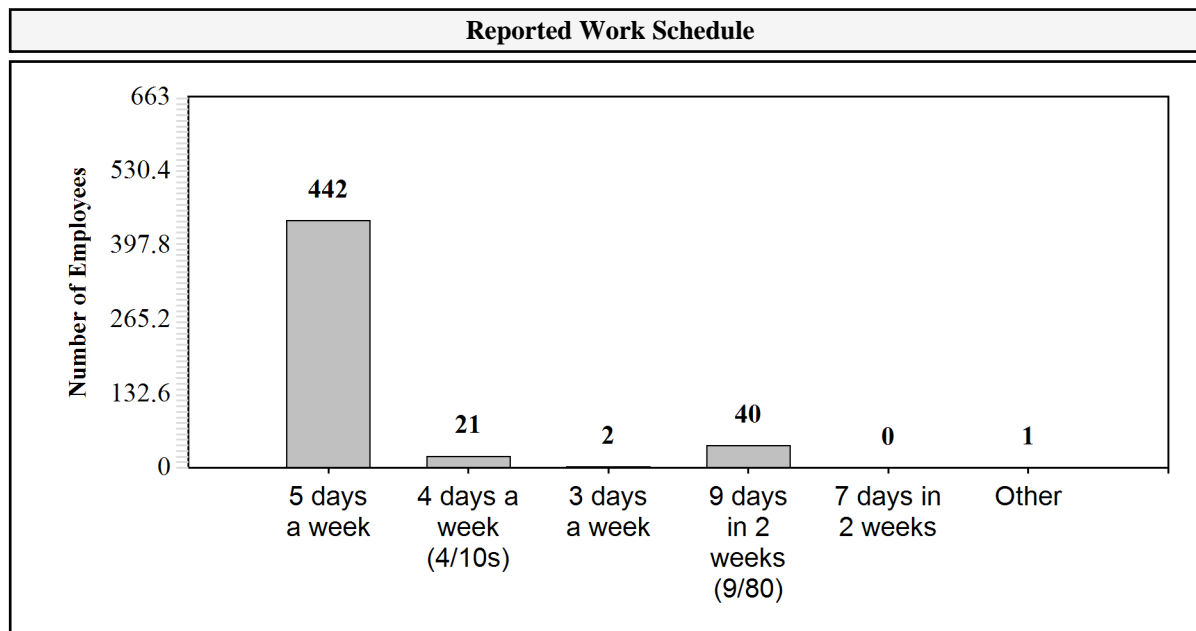
Count by Occupancy of Carpools, Vanpools, and Motorcycles

Q.4b If you used a carpool or vanpool as part of your commute, or if you ride a motorcycle, how many people (age 16 or older) are usually in the vehicle?

Ridesharing Occupancy	Mode	Response Count
1	Motorcycle	26
2	Motorcycle	1
2	Carpool	121
3	Carpool	26
4	Carpool	0
5	Carpool	0
>5	Carpool	5
<5	Vanpool	34
5	Vanpool	36
6	Vanpool	41
7	Vanpool	24
8	Vanpool	21
9	Vanpool	3
10	Vanpool	14
11	Vanpool	9
12	Vanpool	5
13	Vanpool	0
14	Vanpool	13
15	Vanpool	0

Reported Work Schedule - All Employees

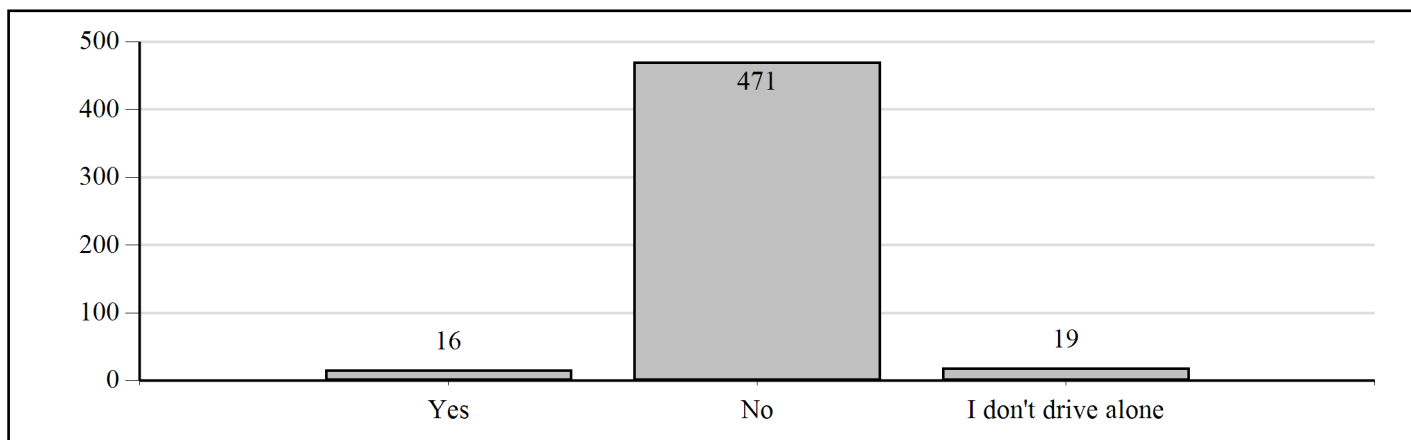
Q.5 Which of the following best describes your work schedule?



Reported Work Schedule	# Of Responses	% Of Employees
5 days a week	442	87.4%
4 days a week (4/10s)	21	4.2%
3 days a week	2	0.4%
9 days in 2 weeks (9/80)	40	7.9%
7 days in 2 weeks	0	0%
Other	1	0.2%

Parking and Telework

Q.9: On the most recent day that you drove alone to work, did you pay to park? (Mark "yes" if you paid that day, if you prepaid, if you are billed later, or if the cost of parking is deducted from your paycheck.)



Q.10: How many days do you typically telework?

Telework Frequency	# of Responses	% of Responses
No Answer/Blank	2	0.4%
I don't telework	173	34.2%
Occasionally, on an as-needed basis	229	45.3%
1-2 days/month	24	4.7%
1 day/week	43	8.5%
2 days/week	26	5.1%
3 days/week	9	1.8%

Reasons for driving alone to work/not driving alone to work

Q11. When you do not drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
To save time using the HOV lane	166	15.7%
I have the option of teleworking	157	14.8%
To save money	153	14.4%
Personal health or well-being	113	10.7%
Free or subsidized bus, train, vanpool pass or fare benefit	100	9.4%
Environmental and community benefits	85	8.0%
Other	83	7.8%
Financial incentives for carpooling, bicycling or walking.	73	6.9%
Driving myself is not an option	44	4.2%
Cost of parking or lack of parking	41	3.9%
Emergency ride home is provided	26	2.5%
Preferred/reserved carpool/vanpool parking is provided	16	1.5%
I receive a financial incentive for giving up my parking space	2	0.2%

Q12. When you drive alone to work, what are the three most important reasons?

Question Text	# of Responses	% of Responses
Riding the bus or train is inconvenient or takes too long	376	29.8%
I like the convenience of having my car	315	25.0%
Family care or similar obligations	181	14.4%
Other	161	12.8%
My commute distance is too short	74	5.9%
My job requires me to use my car for work	67	5.3%
Bicycling or walking isn't safe	59	4.7%
I need more information on alternative modes	23	1.8%
There isn't any secure or covered bicycle parking	5	0.4%

Employee Transit Use - All Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	4	0	0	2	0	3	1
2	2	1	0	14	0	0	10	0	0	2
3	3	0	0	2	0	0	2	0	0	0
4	3	0	0	4	0	0	4	0	1	0
5	3	0	0	3	0	0	1	0	2	2
6	1	0	0	1	0	0	0	0	1	0
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	5	0	0	3	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	4	0	0	2	0	0	2	0	0	1
11 or more	0	0	0	0	1	0	0	0	0	0
# Of Employees using Transit	19	1	0	35	1	0	24	0	7	7
Total One-Way Transit Trips Per Week	103	2	0	135	12	0	93	0	23	33

Employee Transit Use - Affected Employees

Q 13. Please indicate the number of one-way transit or walk-on ferry trips you took last week on each system listed below (for any purpose, not just getting to and from work). Please select "Other" if your transit isn't listed.

Trips/Week	Employees Making This Many Transit Trips in a Week									
	Community Transit	Everett Transit	Intercity Transit	King County Metro	Kitsap Transit	Pierce Transit	Sound Transit	Whatcom Transportation Authority	Ferry as Walk-On	Other
1	1	0	0	4	0	0	2	0	3	1
2	2	1	0	10	0	0	8	0	0	2
3	3	0	0	2	0	0	2	0	0	0
4	3	0	0	4	0	0	4	0	1	0
5	3	0	0	3	0	0	1	0	2	2
6	1	0	0	1	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0
8	2	0	0	5	0	0	3	0	0	1
9	0	0	0	0	0	0	0	0	0	0
10	4	0	0	2	0	0	2	0	0	1
11 or more	0	0	0	0	0	0	0	0	0	0
# Of Employees using Transit	19	1	0	31	0	0	22	0	6	7
Total One-Way Transit Trips Per Week	103	2	0	127	0	0	89	0	17	33

Commute Mode By ZipCode for All Employees

Q8. What is your home zip code?

Home Zip code	Total Employees	Employee Percentage	Weekly Count of Trips By Mode												
			Drive Alone	Carpool	Vanpool	Motorcycle	Bus	Train	Bike	Walk	Telework	CWW	Ferry (Car/Van/Bus)	Ferry (walk-on)	Other
98001	5	0.99%	14	3	0	4	0	0	2	0	1	0	0	0	0
98002	2	0.40%	1	0	0	0	4	0	0	0	0	0	0	0	4
98003	3	0.59%	12	0	0	0	0	0	0	0	3	0	0	0	0
98004	7	1.38%	25	0	0	0	0	0	2	0	2	0	0	0	0
98005	3	0.59%	10	0	0	0	0	0	0	6	0	0	0	0	0
98006	12	2.37%	50	0	0	0	0	0	0	1	2	4	0	0	0
98007	2	0.40%	8	0	0	0	0	0	0	3	0	0	0	0	0
98008	6	1.19%	29	0	0	0	0	0	0	0	1	0	0	0	0
98010	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98011	5	0.99%	18	4	0	0	2	0	0	0	0	0	0	0	0
98012	29	5.73%	80	11	32	1	4	0	0	0	5	0	0	0	6
98014	2	0.40%	10	0	0	0	0	0	0	0	0	0	0	0	0
98019	2	0.40%	9	0	0	0	0	0	0	0	1	0	0	0	0
98020	4	0.79%	14	4	0	0	0	1	0	0	1	0	0	0	0
98021	12	2.37%	33	12	3	0	1	0	0	0	8	0	0	0	0
98023	2	0.40%	10	0	0	0	0	0	0	0	0	0	0	0	0
98024	2	0.40%	9	0	0	1	0	0	0	0	0	0	0	0	0
98025	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98026	5	0.99%	8	0	7	0	0	5	2	0	2	0	0	0	0
98027	10	1.98%	41	0	0	0	0	0	8	0	0	0	0	0	0
98028	6	1.19%	27	0	0	0	2	0	0	0	0	0	0	0	0
98029	5	0.99%	19	0	0	0	2	0	0	2	0	1	0	0	0
98030	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98031	8	1.58%	35	0	0	0	0	0	0	0	4	0	1	0	0
98032	1	0.20%	3	0	0	0	0	0	0	0	2	0	0	0	0
98033	7	1.38%	33	0	0	0	0	0	2	0	0	0	0	0	0



98034	13	2.57%	58	5	0	0	0	0	0	0	1	0	0	0	0
98036	3	0.59%	13	0	0	0	0	0	0	0	1	0	0	0	0
98037	7	1.38%	18	2	14	0	0	0	0	0	0	0	0	0	0
98038	12	2.37%	49	0	0	7	0	0	0	0	1	0	0	0	0
98039	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98040	4	0.79%	13	0	0	0	5	0	0	0	0	0	0	0	0
98042	8	1.58%	33	0	0	4	0	0	0	0	2	0	0	0	0
98043	3	0.59%	10	3	0	0	0	0	0	0	2	0	0	0	0
98045	2	0.40%	10	0	0	0	0	0	0	0	0	0	0	0	0
98051	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98052	12	2.37%	52	7	0	0	0	0	0	0	0	0	0	0	0
98053	7	1.38%	30	5	0	0	0	0	0	0	1	0	0	0	0
98055	9	1.78%	40	2	0	0	0	0	4	0	0	0	0	0	0
98056	10	1.98%	48	0	0	0	0	0	1	0	1	0	0	0	0
98057	1	0.20%	6	0	0	0	0	0	0	0	0	0	0	0	0
98058	8	1.58%	30	0	0	0	0	0	0	0	4	0	0	0	0
98059	8	1.58%	36	0	0	0	0	0	4	0	0	0	0	0	0
98065	3	0.59%	7	0	0	0	0	0	0	0	2	0	0	0	0
98072	5	0.99%	10	15	0	0	0	0	0	0	0	0	0	0	0
98074	7	1.38%	30	0	0	0	0	0	0	0	1	0	0	0	2
98075	4	0.79%	18	0	0	0	0	0	0	0	0	0	0	0	0
98077	3	0.59%	16	0	0	0	0	0	0	0	0	0	0	0	0
98087	14	2.77%	42	9	10	0	0	0	0	0	5	2	0	0	0
98092	6	1.19%	19	3	0	0	0	0	0	0	3	0	0	0	5
98101	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98102	5	0.99%	21	0	0	0	0	0	0	0	0	0	0	0	0
98103	7	1.38%	19	1	8	0	4	0	0	0	2	0	0	0	0
98104	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98107	3	0.59%	14	0	0	0	0	0	0	0	1	0	0	0	0
98109	2	0.40%	6	0	0	0	0	0	2	0	0	0	0	0	0
98110	2	0.40%	0	0	3	4	0	0	1	0	1	0	0	0	0
98112	1	0.20%	2	0	0	3	0	0	0	0	0	0	0	0	0
98115	7	1.38%	29	0	5	1	0	0	0	0	0	0	0	0	0
98116	4	0.79%	19	0	0	0	0	0	0	0	0	0	0	0	0
98117	6	1.19%	14	0	3	0	2	0	2	0	7	2	0	0	0
98118	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98119	4	0.79%	8	3	0	0	3	0	0	0	3	3	0	0	1



98121	7	1.38%	23	0	0	0	10	0	0	0	1	0	0	0	1
98122	2	0.40%	8	0	0	0	0	0	0	0	0	0	0	0	0
98125	7	1.38%	25	0	2	0	1	0	0	0	1	0	0	0	0
98126	2	0.40%	8	0	0	1	0	0	0	0	1	0	0	0	0
98133	6	1.19%	26	0	0	0	2	0	0	0	1	0	0	0	0
98155	5	0.99%	8	0	9	0	4	0	2	0	0	0	0	0	0
98166	3	0.59%	13	0	0	0	0	0	0	0	2	0	0	0	0
98177	3	0.59%	10	0	0	0	1	0	0	0	1	0	0	0	2
98178	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98188	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98199	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98201	3	0.59%	6	0	5	0	0	0	0	0	0	0	2	0	4
98203	11	2.17%	15	1	30	1	0	1	0	0	4	0	0	0	0
98204	10	1.98%	39	8	0	0	0	0	0	0	1	1	0	0	0
98208	21	4.15%	62	4	17	0	0	0	0	0	19	0	0	0	0
98223	4	0.79%	13	0	5	0	0	0	0	0	1	0	0	0	0
98236	1	0.20%	0	0	0	0	0	0	0	0	0	0	0	0	0
98239	1	0.20%	3	0	0	0	0	0	0	0	0	0	2	0	0
98258	7	1.38%	21	4	0	0	0	0	0	0	9	1	0	0	0
98260	2	0.40%	5	0	0	0	0	0	0	0	5	0	0	0	0
98270	12	2.37%	25	9	10	0	5	0	0	0	1	0	0	0	6
98271	3	0.59%	8	3	1	0	0	0	0	0	3	0	0	0	0
98272	1	0.20%	4	0	0	0	0	0	0	0	0	0	0	0	0
98274	1	0.20%	0	0	3	0	0	0	0	0	1	1	0	0	0
98275	12	2.37%	31	10	19	0	0	0	0	0	0	0	0	0	0
98282	1	0.20%	0	0	5	0	0	0	0	0	0	0	0	0	0
98287	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0
98290	7	1.38%	28	0	0	0	0	0	0	0	4	0	0	0	0
98292	4	0.79%	7	9	1	0	0	0	0	0	0	0	0	0	0
98296	11	2.17%	43	0	4	0	0	0	0	0	4	1	0	0	0
98329	1	0.20%	0	3	0	0	0	0	0	0	1	0	0	0	0
98338	3	0.59%	11	0	0	0	0	0	0	0	3	0	0	0	0
98360	1	0.20%	4	0	0	0	0	0	0	0	1	0	0	0	0
98367	1	0.20%	0	0	0	0	0	0	0	0	5	0	0	0	0
98371	1	0.20%	0	4	0	0	0	0	0	0	0	0	0	0	0
98372	2	0.40%	9	0	0	0	0	0	0	0	0	0	0	0	0
98391	2	0.40%	7	0	0	0	0	0	0	0	3	0	0	0	0



98422	2	0.40%	3	5	0	0	0	0	0	0	2	0	0	0	0
98444	1	0.20%	1	0	4	0	0	0	0	0	0	0	0	0	0
98926	1	0.20%	2	0	0	0	0	0	0	0	3	0	0	0	0
98946	1	0.20%	0	3	0	0	0	0	0	0	1	3	0	0	0
no	1	0.20%	5	0	0	0	0	0	0	0	0	0	0	0	0